

L Number	Hits	Search Text	DB	Time stamp
5	647	704/233.ccls.	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:16
6	14	(US-6240347-\$ or US-6052665-\$ or US-5561737-\$ or US-5625697-\$ or US-5319736-\$ or US-5297210-\$ or US-4449238-\$ or US-4627091-\$ or US-5579431-\$ or US-6363156-\$ or US-6339706-\$ or US-5335312-\$).did. or (JP-03274097-\$ or JP-02077799-\$).did.	USPAT; JPO	2003/07/25 18:16
7	1	(US-0000027-\$).did.	USOCR	2003/07/25 18:16
10	4	704/233.ccls. and ((US-6240347-\$ or US-6052665-\$ or US-5561737-\$ or US-5625697-\$ or US-5319736-\$ or US-5297210-\$ or US-4449238-\$ or US-4627091-\$ or US-5579431-\$ or US-6363156-\$ or US-6339706-\$ or US-5335312-\$).did. or (JP-03274097-\$ or JP-02077799-\$).did.)	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:17
11	2	(704/233.ccls. and ((US-6240347-\$ or US-6052665-\$ or US-5561737-\$ or US-5625697-\$ or US-5319736-\$ or US-5297210-\$ or US-4449238-\$ or US-4627091-\$ or US-5579431-\$ or US-6363156-\$ or US-6339706-\$ or US-5335312-\$).did. or (JP-03274097-\$ or JP-02077799-\$).did.)) and (ratio or signal adj noise or SNR)	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:40
12	325	704/233.ccls. and (ratio or signal adj noise or SNR)	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:30
13	281	(704/233.ccls. and (ratio or signal adj noise or SNR)) and determin\$6	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:30
14	25	(704/233.ccls. and (ratio or signal adj noise or SNR)) and determin\$6 with speaker	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:35

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15	626	704/.ccls. and (@pd<=20000830 or @ad<=20000830 or @prad<=20000830) and determin\$6 with speaker	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:37
16	73	(704/.ccls. and (@pd<=20000830 or @ad<=20000830 or @prad<=20000830) and determin\$6 with speaker) and (microphones)	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:37
17	391	(704/.ccls. and (@pd<=20000830 or @ad<=20000830 or @prad<=20000830) and determin\$6 with speaker) and (microphones)	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:37
18	31	((704/.ccls. and (@pd<=20000830 or @ad<=20000830 or @prad<=20000830) and determin\$6 with speaker) and (microphones)) and (ratio or signal adj noise or SNR)	USPAT; US-PGPUB; EPO: JPO; DERWENT; IBM_TDB	2003/07/25 18:40
-	37	((("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.) and 704/.ccls.	USPAT; EPO: JPO	2002/06/10 07:10
-	630	nec and speech.ti.	USPAT; EPO: JPO	2002/06/10 07:10
-	391	(detect\$4 adj speech or speech adj detect\$4) with noise	USPAT; EPO: JPO	2002/06/10 07:11
-	0	((((detect\$4 adj speech or speech adj detect\$4) with noise) and ((("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.) and snr	USPAT; EPO: JPO	2002/06/10 07:11

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-	85	(voice or speech) adj (actuat\$4 or activat\$4) with vehicle	USPAT; EPO: JPO	2002/06/10 07:12
-	499	telephone adj conference	USPAT; EPO: JPO	2002/06/10 07:14
-	91	((telephone with conference) and 704/.ccls.) and (select\$4 or determin\$5)	USPAT; EPO: JPO	2002/06/10 07:14
-	676	multiple with microphones	USPAT; EPO: JPO	2002/06/10 07:14
-	18	((("4212600") or ("6062103") or ("3284589") or ("0472356") or ("4163496") or ("8328579") or ("1924879") or ("4097400") or ("6052477") or ("2025608") or ("4119400") or ("7056596") or ("2049173") or ("69101527") or ("5214707"))PN.	USPAT; EPO: JPO	2002/06/10 07:16
-	4	microphone and automobile and nolan.exe.	USPAT; EPO: JPO	2002/06/10 07:16
-	37	matsushita adj mitsugi	USPAT; EPO: JPO	2002/06/10 07:16
-	27	furukawa adj katsuo	USPAT; EPO: JPO	2002/06/10 07:16
-	1	furukawa adj katsuo and speech	USPAT; EPO: JPO	2002/06/10 07:16
-	6	((detect\$4 adj speech or speech adj detect\$4) with noise) and ((("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.	USPAT; EPO: JPO	2002/06/10 07:16
-	3	((("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.	USPAT; EPO: JPO	2002/06/10 07:16
-	560) and snr		
-	560	((voice or speech) adj (actuat\$4 or activat\$4 or operat\$4))) and vehicle	USPAT; EPO: JPO	2002/06/10 07:16
-	411	(voice or speech) adj (actuat\$4 or activat\$4) and vehicle	USPAT; EPO: JPO	2002/06/10 07:16

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-	113	((voice or speech) adj (actuat\$4 or activat\$4)) with control) and vehicle	USPAT; EPO: JPO	2002/06/10 07:16
-	8	(telephone adj conference) and 704/.ccls.	USPAT; EPO: JPO	2002/06/10 07:16
-	91	(telephone with conference) and 704/.ccls.	USPAT; EPO: JPO	2002/06/10 07:16
-	60	((telephone with conference) and 704/.ccls.) and (select\$4 or determin\$5) with (microphone or speaker or input)	USPAT; EPO: JPO	2002/06/10 07:16
-	409	(multiple with microphones) and (select\$4 or determin\$5) with (microphone or speaker or input)	USPAT; EPO: JPO	2002/06/10 07:17
-	92	((multiple with microphones) and (select\$4 or determin\$5) with (microphone or speaker or input)) and conference	USPAT; EPO: JPO	2002/06/10 07:17
-	9	((multiple with microphones) and (select\$4 or determin\$5) with (microphone or speaker or input)) and conference) and speech adj level	USPAT; EPO: JPO	2002/06/10 07:17
-	9	((multiple with microphones) and (select\$4 or determin\$5) with (microphone or speaker or input)) and conference) and speech adj level) and (time or duration or length)	USPAT; EPO: JPO	2002/06/10 07:17
-	0	((("US 5579431 A") or ("US 5625697 A") or ("US 5319736 A") or ("US 5297210 A") or ("US 4449238 A") or ("JP 3274097 A") or ("JP 2077799 A") or ("US 4627091 A") or ("US 6363156 B1") or ("US 6339706 B1") or ("US 6240347 B1") or ("US 6052665 A") or ("US 5561737 A"))PN.	USPAT; EPO: JPO	2002/06/10 07:18
-	11	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))PN.) and (signal with noise or s/n or s adj n or ratio)	USPAT; EPO: JPO	2002/06/10 07:22
-	1738055	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))PN.) and (signal with noise or s/n or s adj n or ratio)) and aver\$4 with (voice or power or amplitude)	USPAT; EPO: JPO	2002/06/10 07:23
-	1	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))PN.) and (signal with noise or s/n or s adj n or ratio)) and aver\$4 with (voice or power or amplitude)	USPAT; EPO: JPO	2002/06/10 07:23
-	3	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))PN.) and (signal with noise or s/n or s adj n or ratio)) and aver\$4 with (voice or power or amplitude or strength)	USPAT; EPO: JPO	2002/06/10 07:31
-	3	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))PN.) and (signal with noise or s/n or s adj n or ratio)) and aver\$4 with (voice or power or amplitude or strength) and (order or sort or first or most)	USPAT; EPO: JPO	2002/06/10 07:31
-	0	("1 and (noise with speech))PN.	USPAT; EPO: JPO	2002/10/18 12:59

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-	0	("1 and (noise)).	USPAT; EPO: JPO	2002/10/18 12:59
-	14	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.	USPAT; EPO: JPO	2002/10/18 13:14
-	7	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.) and (noise with speech)	USPAT; EPO: JPO	2002/10/18 13:17
-	0	("6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707").PN.	USPAT; EPO: JPO	2002/10/18 13:15
-	8	(6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.	USPAT; EPO: JPO	2002/10/18 13:15
-	6	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.) and ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)	USPAT; EPO: JPO	2002/10/18 14:58
-	16	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)	USPAT; EPO: JPO	2002/10/18 14:58
-	9	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (noise with speech)	USPAT; EPO: JPO	2002/10/18 14:58
-	9	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (noise with speech)) and high\$4	USPAT; EPO: JPO	2002/10/18 15:17
-	0	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (s/n adj ratio)	USPAT; EPO: JPO	2002/10/18 15:17
-	0	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (s2n adj ratio)	USPAT; EPO: JPO	2002/10/18 15:18
-	0	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and SN	USPAT; EPO: JPO	2002/10/18 15:19

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-	1	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737"))).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (signal adj noise adj ratio)	USPAT; EPO: JPO	2002/10/18 15:42
-	0	("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.	USPAT; EPO: JPO	2002/10/18 15:34
-	48	("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").pn.	USPAT; EPO: JPO	2002/10/18 15:34
-	9	("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").pn.) and ((signal adj noise adj ratio) or sn adj ratio or s2n adj ratio)	USPAT; EPO: JPO	2002/10/18 15:48
-	4	((("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").pn.) and ((signal adj noise adj ratio) or sn adj ratio or s2n adj ratio)) and aver\$4	USPAT; EPO: JPO	2002/10/18 15:46
-	1859	aver\$4 same ((signal adj noise adj ratio) or sn adj ratio or s2n adj ratio)	USPAT; EPO: JPO	2002/10/18 15:52
-	12323	704/.ccls.	USPAT; EPO: JPO	2002/10/18 15:52

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-	41	(aver\$4 same ((signal adj noise adj ratio) or sn adj ratio or s?n adj ratio)) and 704/.ccls.	USPAT: EPO: JPO	2002/10/18 15:58
-	8	((aver\$4 same ((signal adj noise adj ratio) or sn adj ratio or s?n adj ratio)) and 704/.ccls.) and (aver\$4 adj10 ratio)	USPAT: EPO: JPO	2002/10/18 15:59